

**EAST Search History****EAST Search History (Prior Art)**

| Ref # | Hits | Search Query   | DBs   | Default Operator | Plurals | Time Stamp          |
|-------|------|--|---|------------------|---------|---------------------|
| L1    | 6216 | 355/53.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2009/08/14<br>09:28 |
| L2    | 6050 | 355/53.ccls. and (radiat\$4 or expos\$4 or project\$4)   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2009/08/14<br>09:29 |
| L3    | 2383 | 2 and (gas or gaseous or hydrocarbon or alcohol or ethanol)  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2009/08/14<br>09:29 |
| L4    | 2333 | 3 and (mirror or lens \$1 or optical)  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2009/08/14<br>09:30 |
| L5    | 2209 | 4 and (detect\$4 or monitor\$4 or sens\$4 or check\$4 or measur\$4)  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2009/08/14<br>09:30 |
| L6    | 11   | ("20030025889"   "20040035570"   "20050054217"   "20060007413"   "20060126041"   "20060175558"   "20060176455"   "4825247"   "6545746"   "6870598"   "7130016").PN. OR ("7426015").URPN. | US-PGPUB;<br>USPAT; USOCR   | OR               | OFF     | 2009/08/14<br>09:46 |

|     |    |  |                        |    |     |                  |
|-----|----|--|------------------------|----|-----|------------------|
| L7  | 55 | ("4506977"   "4668077"   "4687322"   "4699505"   "4780747").PN. OR ("4825247").URPN.   | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/08/14 09:46 |
| L8  | 4  | ("20020005940"   "4825247"   "5710620"   "5854671").PN. OR ("7084952").URPN.   | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/08/14 09:46 |
| L9  | 6  | ("4513203"   "4812661"   "5455427"   "6331709"   "6507034"   "6765217").PN. OR ("7379153").URPN.   | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/08/14 09:48 |
| L10 | 18 | ("4085329"   "4335313"   "4604345"   "4857742"   "4896045"   "4935947"   "5004925"   "5131022"   "5157700"   "5172403"   "5323440"   "5440394"   "5444758"   "5581590").PN. OR ("6331709").URPN.                               | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/08/14 09:48 |
| L11 | 13 | ("4877359"   "4918320"   "5028797").PN. OR ("5440394").URPN.   | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/08/14 09:49 |
| L12 | 40 | ("20020024645"   "20020052094"   "20020074635"   "20020081175"   "20030021671"   "20030082030"   "20030082466"   "20040091349"   "20040109152"   "20040218168"   "20050054217"   "4522489"   "5186718"   "5217501"   "5229872" | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/08/14 09:51 |

|     |     |   |                           |    |     |                     |
|-----|-----|---|---------------------------|----|-----|---------------------|
|     |     | "5296891"  <br>"5364219"  <br>"5486080"  <br>"5523193"  <br>"5559584"  <br>"5730573"  <br>"5969441"  <br>"6046792"  <br>"6059507"  <br>"6281510"  <br>"6315512"  <br>"6342941"  <br>"6382895"  <br>"6399518"  <br>"6404483"  <br>"6486444"  <br>"6537012"  <br>"6562141"  <br>"6609877"  <br>"6721035"  <br>"6740891"  <br>"6750946"  <br>"6796763"  <br>"6866468"  <br>"6906783").PN. OR<br>("7359031").URPN.            |                           |    |     |                     |
| L13 | 130 | ("6046792").URPN.   | USPAT                     | OR | OFF | 2009/08/14<br>09:51 |
| L14 | 44  | "20020027648"  <br>"20020180943"  <br>"20040222418"  <br>"20040229133"  <br>"20040265707"  <br>"20050134822"  <br>"20050142470"  <br>"20060098181"  <br>"20070013890"  <br>"20080007706"  <br>"5041882"  <br>"5115335"  <br>"5178445"  <br>"5229872"  <br>"5296891"  <br>"5305054"  <br>"5377037"  <br>"5523193"  <br>"5638211"  <br>"5668023"  <br>"5673103"  <br>"5969441"  <br>"6046792"  <br>"6323507"  <br>"6346979" | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>09:52 |

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|--|--|--|--|--|--|--|
|  |  | "6413684"                              |  |  |  |  |
|  |  | "6429440"                              |  |  |  |  |
|  |  | "6452662"                              |  |  |  |  |
|  |  | "6466304"                              |  |  |  |  |
|  |  | "6511869"                              |  |  |  |  |
|  |  | "6633366"                              |  |  |  |  |
|  |  | "6737662"                              |  |  |  |  |
|  |  | "6738128"                              |  |  |  |  |
|  |  | "6741331"                              |  |  |  |  |
|  |  | "6758608"                              |  |  |  |  |
|  |  | "6778746"                              |  |  |  |  |
|  |  | "6795163"                              |  |  |  |  |
|  |  | "6833907"                              |  |  |  |  |
|  |  | "6844927"                              |  |  |  |  |
|  |  | "6847461"                              |  |  |  |  |
|  |  | "6855486"                              |  |  |  |  |
|  |  | "6871337"                              |  |  |  |  |
|  |  | "6887625"                              |  |  |  |  |
|  |  | "7027130").PN. OR<br>("7548302").URPN. |  |  |  |  |

8/14/09 9:53:53 AM